



U.S. DEPARTMENT OF  
**ENERGY**

1



# EMCBC UPDATE

## Ralph Holland

*Acting Director*

*Environmental Management Consolidated Business Center*

*June 14, 2010*



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Official Use Only

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# EM Consolidated Business Center

- On June 7, 2004, the Department of Energy (DOE) established the Environmental Management Consolidated Business Center (EMCBC) as a key component in the achievement of EM's accelerated risk reduction and cleanup mission to provide exemplary business and technical resources in years such as financial and project management, human capital management, information management, contracting legal services, logistics management and technical services.
- Establishing the EMCBC allowed EM to consolidate many of the business and technical functions necessary to support EM's mission at the Closure Sites as well as other small and large EM sites.
- By consolidating these functions in one centralized location, EM has reduced redundancies of services being performed at each individual sites.
- The consolidation of these business and technical services allows EM to operate in a more cost efficient and effective manner.



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# EM Consolidated Business Center

**The Mission of the EMCBC is to provide business and technical resources to the DOE's Environmental Management Organization. These resources include financial and project management, cost estimating, human capital management, information management, contracting, legal services, logistics management and technical services.**

- **Consolidated Functions**

- Financial Management
- Logistics Management
- Information Resource Management
- Human Resources
- Contracting
- Legal Services
- Closure Cadre
- Cost Estimating & Analysis

- **193 FTEs Upon Full Operational Capability**

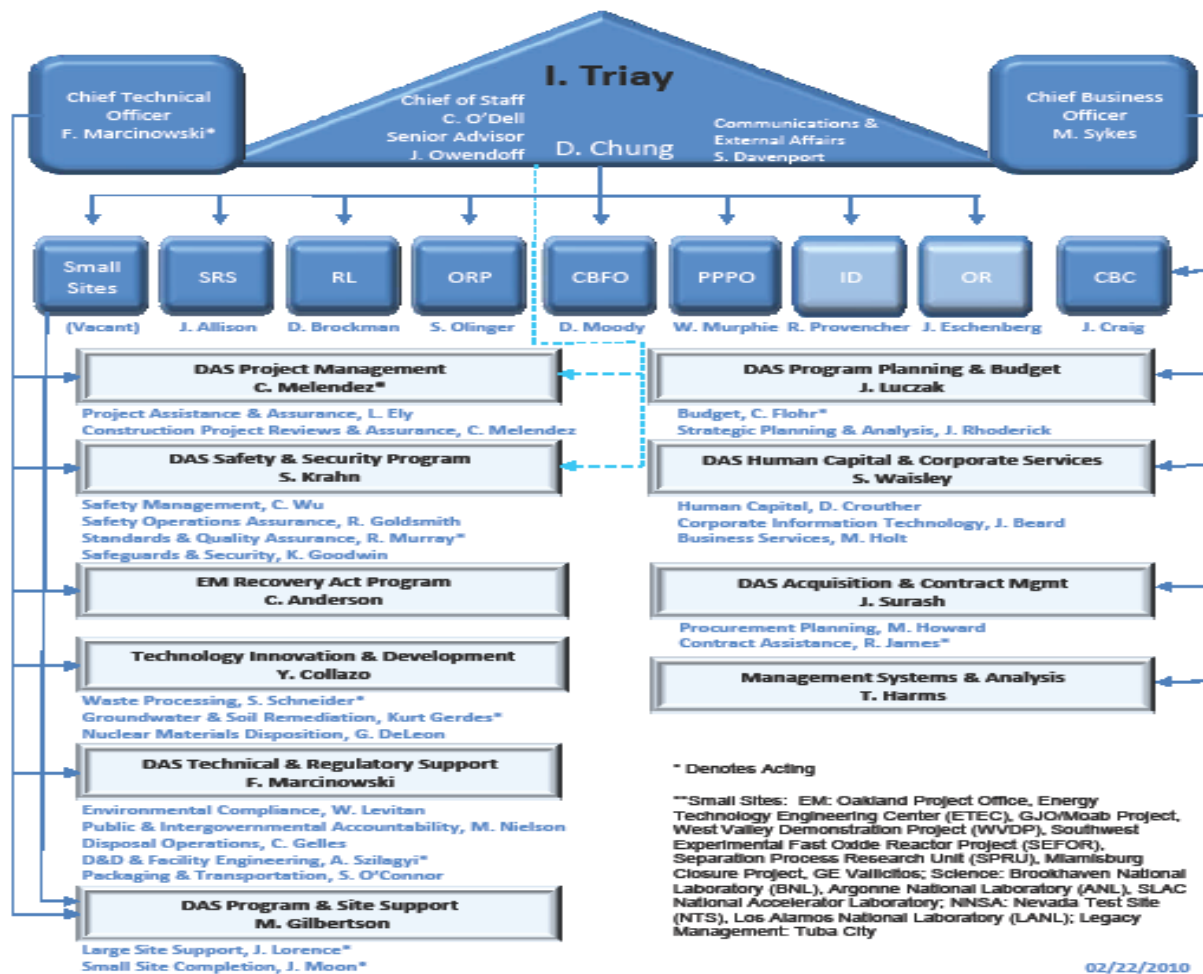


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# The EM Leadership Pyramid



02/22/2010



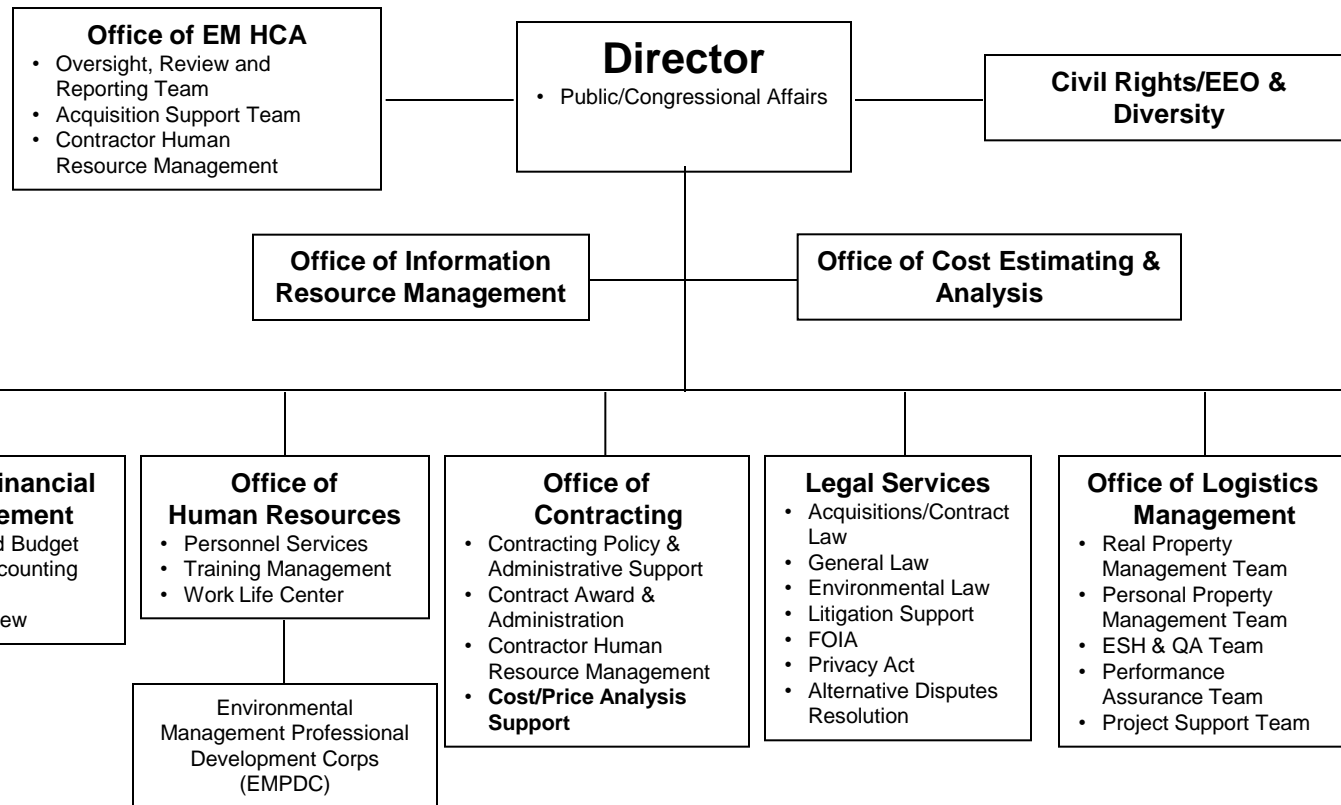
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# EM Consolidated Business Center

## EM Consolidated Business Center



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# Our Customers

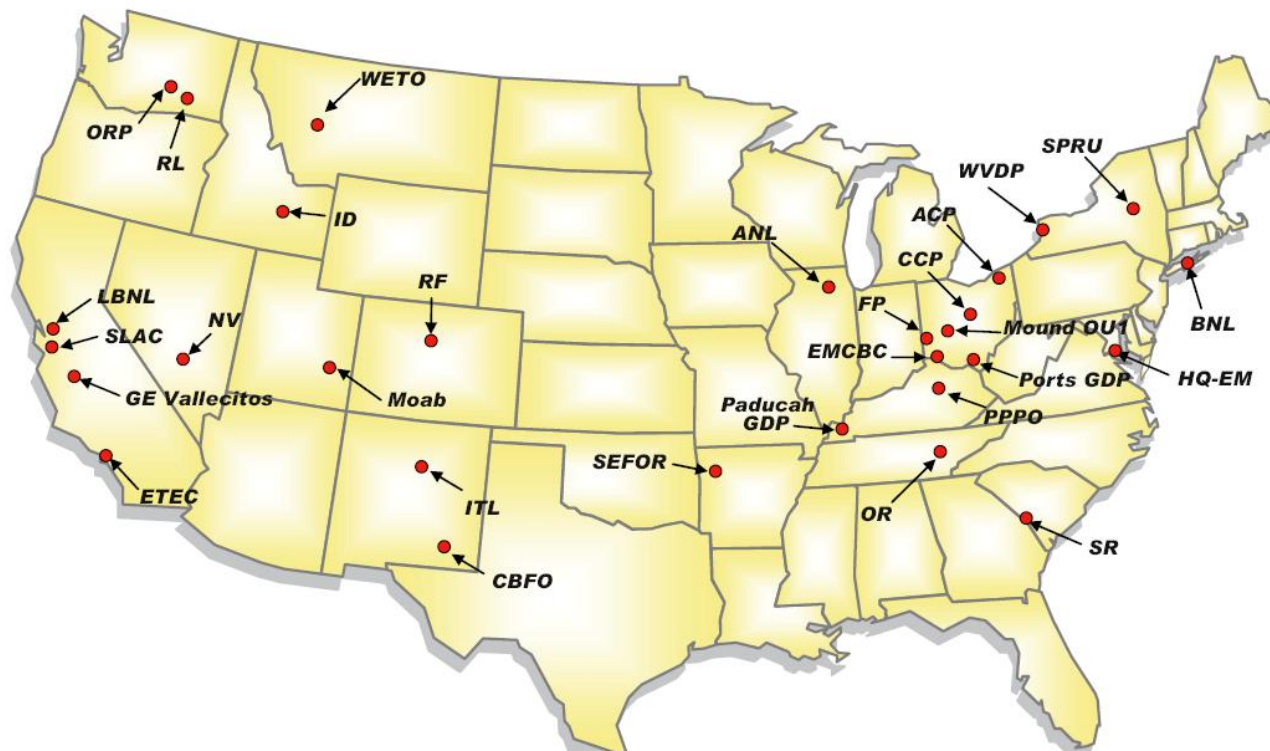


Figure 1-1

1. Argonne National Laboratory (ANL)
2. Ashtabula Closure Project (ACP)
3. Brookhaven National Laboratory (BNL)
4. Carlsbad Field Office (CBFO)
5. Columbus Closure Project (CCP)
6. Energy Technology Engineering Center (ETEC)
7. Environmental Management Consolidated Business Center (EMCBC)
8. Fernald Preserve (FP)
9. GE Vallecitos
10. Idaho Operations Office (ID)

11. Inhalation Toxicology Laboratory (ITL) Project
12. Lawrence Berkeley National Laboratory (LBNL)
13. Moab UMTRA Project (Moab)
14. Mound OU-1
15. Nevada Site Office (NV)
16. Oak Ridge Operations Office (OR)
17. Office of River Protection (ORP)
18. Office of the Assistant Secretary For Environmental Management (HQ-EM)
19. Paducah Gaseous Diffusion Plant (GDP)
20. Portsmouth Gaseous Diffusion Plant (GDP)

21. Portsmouth Paducah Project Office (PPPO)
22. Richland Operations Office (RL)
23. Rocky Flats Closure Project (RF)
24. Savannah River Operations Office (SR)
25. Separations Process Research Unit (SPRU)
26. Southwest Experimental Fast Oxide Reactor (SEFOR)
27. Stanford Linear Accelerator Center (SLAC)
28. West Valley Demonstration Project (WVDP)
29. Western Technology Office (WETO)



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# Closure Sites Status

- Rocky Flats Closure Project
  - Kaiser Hill Declaration – Oct 13, 2005
  - DOE Acceptance – Dec 7, 2005
- Columbus Closure Project
  - EEC & E2 Closure Services LLC Declaration – Feb 17, 2006
  - DOE Acceptance – August 14, 2006
- Ashtabula Closure Project
  - LATA/Sharp Remediation Services LLC Declaration – Nov 1, 2006
  - DOE Acceptance – Dec 28, 2006
- Fernald Closure Project
  - Fluor Fernald, Inc. Declaration – Oct 29, 2006
  - DOE Acceptance - Jan 18, 2007
- Mound Closure Project (Excluding Operable Unit One)
  - CH2M Hill Declaration – July 31, 2006
  - DOE Acceptance - March 27, 2007



Feed Materials Production Center

1987

## Fernald Closure Project

3896-24

Fluor Fernald, Inc.  
Declaration – Oct 29, 2006  
DOE Acceptance - Jan 18, 2007



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## Miamisburg Closure Project

Mound Closure Project (Excluding  
Operable Unit One)

CH2M Hill

Declaration - July 31, 2006

DOE Acceptance –

March 27, 2007



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# Columbus Closure Project

EEC & E2 Closure Services, LLC  
Declaration – Feb 17, 2006  
DOE Acceptance –  
August 14, 2006



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# Ashtabula Closure Project

LATA/Sharp Remediation  
Services LLC  
Declaration – Nov 1, 2006  
DOE Acceptance –  
Dec 28, 2006



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# Rocky Flats Closure Project

Kaiser Hill  
Declaration – Oct 13, 2005  
DOE Acceptance – Dec 7, 2005



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# Office of Logistics Management (OLM)

**Mission:** To provide comprehensive and high quality services to the EMCBC, small and closure sites, and the DOE complex. OLM will meet or exceed our customer's expectations in providing these services in Regulatory Compliance, Safety, Management Systems, Contractor Oversight Assistance, Waste Management, Transportation, Records Management, Real Estate, and Personal Property Support and Guidance.

- **Environment, Safety, Health & Quality Assurance Team**
  - Regulatory Compliance, Environmental, Safety & Health, QA Management Systems,
- **Performance Assurance Team**
  - Transportation Management, Emergency Management, Security, Waste Management, Radiological Protection and Records Management
- **Real Property Management**
  - Comprehensive real estate support – negotiations, purchases, licensure, disposal of real property assets
- **Personal Property Management**
  - Contract Property, Administration, Federal Property Management and Fleet Management Services
- **Project Support**
  - Support includes planning Project level DOE Oversight review and support, DOECAP Audit Support and specific Project Management level support by a certified Federal Project Director



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# EMCBC Contracting Activity

Contracting Activity	FY2008	FY2009	FY2010 (as of 3/31/2010)
<b>Contracts</b>	457 Actions	501 Actions	265 Actions
	\$650M	\$1.3B	\$437M
<b>Financial Assistance</b>	96 Actions	124 Actions	43 Actions (25 Actions for EE)
	\$44.2M	\$67M	\$28M (\$452M for EE)
<b>% Dollars to Small Business</b>	55% (DOE Goal – 5.87%; EM Goal 4.8%)	38% (DOE Goal – 5.87%; EM Goal 4.8%)	28% (DOE Goal – 6%; EM goal 5%)
<b>Major Contract Awards</b>	<ul style="list-style-type: none"> <li>- ETEC EIS Preparation</li> <li>- Tech &amp; Admin Support Services for EM Small Sites</li> <li>- SPRU D&amp;D</li> <li>- Portsmouth D&amp;D Technical Services Support</li> </ul>	<ul style="list-style-type: none"> <li>- Building 55 Services (Denver)</li> <li>- 3 BOAs for Technical Support Services</li> <li>- 22 ARRA funded awards</li> </ul>	<ul style="list-style-type: none"> <li>- Facility Support Services for Portsmouth</li> <li>- Infrastructure Services for Paducah</li> <li>- Paducah Environmental Remediation Services</li> <li>- Oak Ridge Building K-33 Demolition</li> <li>- Remediation and D&amp;D support at PPPO</li> <li>- Savannah River Site Security Services</li> <li>- ORP 222-S Laboratory Analytical Services</li> </ul>



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# Major EMCBC FY-10 Awards

- Paducah Environmental Remediation Services (April 2010)
- Oak Ridge Building K-33 Demolition (April 2010)
- Portsmouth Facility Support Services (December 2009)
- Office of River Protection 222-S Laboratory Analytical Services and Testing (December 2009)
- Paducah Infrastructure Services (November 2009)
- Savannah River Site Security Services (October 2009)
- Technical and Administrative Support Services for Small Sites and EM-wide ARRA Oversight (February 2010)
- 9 Grants to Historically Black Colleges and Universities (HBCUs) to continue DOE Math, Science, and Technical Engineering Research Workforce Development (April 2010)
- EERE Recovery Act Financial Assistance (Weatherization) Topic 1 (25 grants/\$452M) (May-June 2010)



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# Ongoing EMCBC Procurements

- Portsmouth Site Decontamination & Decommissioning (D&D)
- DUF6 Operations (Portsmouth & Paducah)
- EM Nationwide ID/IQ Follow-on Contract (SB Set Aside and Unrestricted)
- Low Level Waste/mixed Low Level Waste (LLW/MLLW) Treatment
- West Valley Characterization Services
- Waste Isolation Pilot Plant Carlsbad Technical Assistance Contract
- LANL Natural Resource Damage Assessment (NRDA)
- Tuba City AZ Remediation of Residual Radioactive Material
- Paducah Gaseous Diffusion Plant and Oak Ridge Site Nickel Sales Agreement
- Idaho Pit-10 Enclosure (Directed 8(a))
- Idaho Retention Basin D&D
- Idaho Fueling Station
- EERE Recovery Act Financial Assistance (Weatherization) Topic 2



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# Planned EMCBC Contracting Activity

- Waste Isolation Pilot Plant M&O
- Waste Isolation Pilot Plant Transportation
- ETEC D&D
- Moab Remedial Action Contract
- Moab Technical Assistance Contract
- Low Level Waste/Mixed Low Level Waste Disposal
- West Valley Phase 1 Decommissioning
- Idaho Cleanup Project
- Transportation emergency Preparedness Program for EM-HQ
- Mercury Storage
- As Needed Support Services



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# EMCBC Contract Administration

Site Contracts		
Site	Contractor	Contract Number
Carlsbad Field Office	CAST Specialty Transportation, Inc.	DE-AM30-07CC20005
Carlsbad Field Office	NetGAIN, Inc.	DE-AM30-06EW03007
Carlsbad Field Office	Visionary Solutions, LLC	DE-AM30-07CC20007
Carlsbad Field Office	PECOS Management	DE-AC30-06EW30005
Carlsbad Field Office	Washington TRU Solutions, Inc.	DE-AC04-01AL66444
Energy Technology Engineering Center	Boeing	DE-AC03-99SF21530
Energy Technology Engineering Center	CDM	DE-AT30-08CC60021/ET17
Moab	S&K Technologies, Inc	DE-AC30-07CC60012
Moab	Energy Solutions Federal Services, Inc.	DE-AT30-07CC00014
Mound OU-1	Advanced Remediation Company (aRc)	DE-AT30-07CC00009/OH08
Portsmouth Paducah Project Office	Performance Results Corporation (PRC)	DE-AT30-07CC40009
Portsmouth Gaseous Diffusion Plant	LATA/Parallax	DE-AC24-05OH20192
Portsmouth Gaseous Diffusion Plant	WEMS Wastren-Energx Mission Support	DE-CI0000004
Paducah Gaseous Diffusion Plant	Swift & Staley	DE-AC30-10CC40021
Paducah Gaseous Diffusion Plant	LATA Environmental Services of Kentucky	DE-AC30-10CC40020
Stanford Linear Accelerator Center	C/P/E Environmental Services, LLC	DE-AT30-07CC40009
Separations Process Research Unit	Advanced Remediation Company (aRc)	DE-AT30-07CC60013
Separations Process Research Unit	Washington Group Int'l	DE-At30-08CC60014
West Valley Demonstration Project	West Valley Environmental Services LLC	DE-AC30-07CC300000



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# Back up Slides



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# Office of Contracting

**Mission:** To acquire, manage, and direct the procurement of supplies and services to support the EMCBC staff and its customer sites. Services provided include: contract award; contract administration; contract cost and price analysis; contracting policies and administrative support; contract review; and administration of contractor human resources management activities.

- Vision
  - Deliver on a timely basis the best value product or service to EMCBC staff and its customer sites while maintaining the public's trust and fulfilling public policy objectives.
- Objective
  - Ensure effective and compliant contracting and assistance support to customers through a strong infrastructure of contracting tools, professional contracting staff, procedures, systems, and oversight.



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# Office of Cost Estimating & Analysis

**The Mission:** Develop and implement EM's corporate cost estimating and analysis program to support EM project acquisition and delivery processes.

- **Develop & Implement EM's Corporate Cost Estimating & Analysis Program**
  - Establish policy, standards, and procedures to assure EM cost and schedule estimates are accurate, traceable, and reliable
  - Lead development and management of cost and schedule database, methodologies, and tools needed by EM to improve and standardize its cost estimating and analysis capabilities
- **Acquisition Support**
  - Perform life-cycle cost analyses
  - Prepare Independent Government Estimates (IGCE)
  - Develop contract-specific Cost Estimating & Analysis requirements
  - Perform Independent Review & Validation evaluations of contractor-submitted proposals
  - Perform reasonableness reviews of contractor-submitted proposals
  - Contract Close-out; capture actual project costs
- **Project Planning & Execution Support**
  - Provide CE&A Subject Matter Expertise to EM Integrated Project Teams
  - Provide oversight for contractor-developed cost estimates
  - Prepare Independent Cost Estimates (ICE)
  - Perform Independent Cost Reviews (ICR)
  - Support risk management planning activities
  - Establish project-specific CE&A requirements (tailoring)



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# Office of Legal Services

**The Mission:** To provide comprehensive and proactive legal guidance, effective advocacy and creative problem solving to the Office of Environmental Management and the Office of Legacy Management clients that is consistent with the achievement of the EMCBC goals and mission. The Office of Legal Services:

- Provides legal advice on a wide variety of complex issues to ensure statutory, regulatory and Agency compliance;
- Assists in the review, development and implementation of contracts, grants, agreements, policies, procedures and practices;
- Provides legal counseling for preventive and protective measures of government interests;
- Promotes Alternative Dispute Resolution;
- Represents the Department in administrative hearings and litigation;
- Serves as a resource for the information access needs of the public;
- Maintains the highest professional and ethical standards; and
- Encourages and provides training and education to support our mission.



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# Office of Legal Services

## Field Counsel Legal Support

The Office of Legal Services functions as legal counsel to Field Elements for the Office of Environmental Management locations without counsel, and, for the Office of Legacy Management. OLS coordinates with the Department's Office of General Counsel and represents its clients in administrative proceedings and in negotiations with parties that include federal and state regulators, corporate entities and other stakeholder interests.

The OLS's legal practice areas include:

Administrative	Appropriations	General Law
Government Contracts	Environmental	Ethics
Information Access	Labor Relations	Litigation
Litigation Management	Native American	Natural Resources
Pensions	Personnel	Procurement
Property	Public Utilities	Water Rights



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# Office of Financial Management

**The Mission:** To provide the financial direction and oversight for budgeting, financial management, project management and planning, management control program, internal financial controls, financial reviews and evaluations, and audit liaison and follow-up.

- **Budget**

- Budget formulation and execution; funds control and certification; funds administration; funds processing; budget execution reviews; financial analysis, reporting, and tracking.

- **Finance and Review**

- Integrity of accounting and financial data; record environmental and other liabilities on DOE books; PCS estimates; support travel, and training; financial reviews; coordinate OIG, GAO and DCAA audits; FMFIA and A123 internal controls.

- **Project Management, Planning, and Controls**

- Life-Cycle planning and budget formulation; project execution, earned value management, and configuration/change control management; oversight of federal baselines and contractor performance management; track congressionally directed activities.



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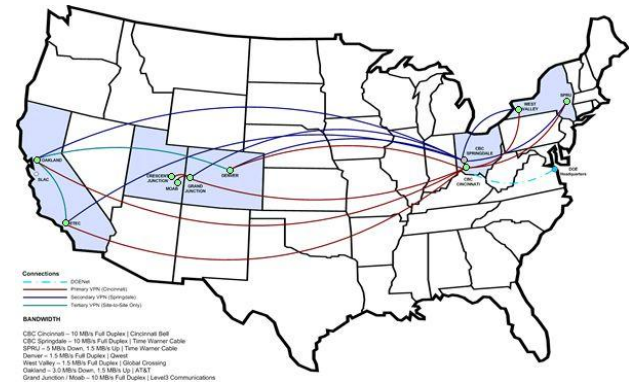


# Office of Information Resource Management

**The Mission:** To provide IT resources as needed to the EMCBC and client sites to address IT requirements in order to enhance communications, productivity, and cyber security.

- **Supply integrated network services**

- Desktop, laptops, networking, remote access, software
- Certified and Accredited Cyber Security Systems
- Web page hosting
- Web based access to EMCBC Services



- **Application Development for unique Mission Requirements**

- Congressionally Directed Activities (CDA), Employee Concerns, Surveys and Analysis, Online integrated purchasing and Purchase Card tracking, ARRA tracking.

- Provide Technical Support as Requested – EMHQ Certifying Agent.



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# Office of Technical Services

**The Mission:** To provide technical and subject matter expertise to EMCBC Serviced Sites to facilitate the EM accelerated cleanup and closure mission. Expertise is provided through the EM Closure Cadre.

- **Cadre Duty Assignments and Staffing**

- Positions are rotational assignments, and incumbents are assigned to both short term projects (3 years duration or less) and long term projects at EM field locations, consistent with conditions set forth in signed mobility agreements.
- Most positions are filled with Federal Project Directors, Facility Representatives, Engineers or Physical Scientists with site closure expertise. Contractor technical support is provided if Federal employees are not available.
- Staffing assignments are based on site needs. Skill gap assessments ensure that needs are addressed effectively.

- **Support Areas**

- Overall Site Management;
- Oversight for readiness reviews and safety disciplines (fire protection, criticality safety, nuclear safety, and industrial hygiene/health physics);
- Engineering, program and project management, and quality assurance support;
- Staff functions which support cleanup and closure activities (regulatory compliance, accelerated cleanup and closure strategy, waste management and transportation, etc.)



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# Office of Civil Rights and Diversity (OCCRD)

**The Mission:** To ensure equal employment opportunity and diversity in all aspects of employment and operations at the EMCBC and Serviced Sites.

- **Diversity Programs**
  - Provide EEO and diversity training; Compliance for Federal Financial Assistance; Secretarial Diversity Initiatives; Special Emphasis Programs; Student Internship Programs; Contractors compliance/oversight assessment
- **Equal Employment Opportunity (EEO) Programs**
  - EEO Counseling, Complaints, Investigations and Alternate Dispute Resolution Programs and the Annual Federal EEO Statistical Report of Discrimination Complaints (462 Report)
- **Employees Concerns Program (ECP)**
  - Employee Concerns related to Environment, Safety, and Health in the work environment



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# Public and Intergovernmental Affairs

**The Mission:** To provide public and intergovernmental affairs support as needed to the EMCBC and customer sites:

- Media relations
- Congressional and local government interface
- Public participation support
- Communications planning
- Special Events



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